Claims

1. A method of installation of a receiver to receive broadcast data (BDR) which is broadcast to the location of the receiver, said method comprising, measuring the power level of incoming frequency signals at two predetermined spaced points on the signal band by measuring the content of AGC (Automatic Gain Control) converters within the receiver, providing an amplitude correction filter which can be selectively operated at the RF input to the BDR to allow the correction of amplitude variations with frequency, the selective operation of the filter dependent upon and responsive to the power level measurements obtained.

2. A method of installation according to claim 1 characterised in that during the installation procedure obtaining the power level measurements occurs automatically and is followed by any required correction as part of an automatic installation procedure.

3. A method of installation according to claim 1 characterised in that two measurements are taken, referred to as the high end signal and the low end signal.

4 A method according to claim 3 characterised in that if the high end signal level is greater than the low end signal level, then no linearization via the filter is performed.

5. A method of installation according to claim 1 characterised in that if the relative power difference is greater than a predetermined level then the linearization circuit is utilised to adjust the power level to the BDR so that the incoming signal is within a known power range.

6 A method of installation according to claim 1 characterised in that the method utilises the ability to use the relative signal strength rather than absolute signal strength to install the receiver.

7 Broadcast Data Receiver (BDR) apparatus for receiving broadcast digital data which is transmitted and received by the apparatus and passed to the receiver via an RF input from the data carrying network, said receiver including a linearization circuit which can be selectively activated to operate with the receiver control system upon comparison of measurements of the power levels at two predetermined points on the incoming frequency signal and, if the comparison reveals a difference which is greater than a predetermined level, the linearization circuit is activated to adjust the receiver settings during the installation procedure for the BDR at a location at which the same is to be subsequently used.

8 A broadcast data receiver according to claim 8 characterised in that the receiver is connected to a data supply network in which the data is carried by a cable network.

9 A broadcast data receiver according to claim 8 characterised in that the linearization circuit is selectively activated automatically by the receiver control system upon specified criteria for activation being met.

10 A broadcast data receiver according to claim 8 characterised in that the linearization circuit is selectively activated by the receiver installer, upon the installer receiving an indication by visual and/or audible indication means, that the specified criteria for operation of the linearization circuit have been met.

11. A broadcast data receiver according to claim 8 characterised in that the linearization circuit performs cable slope correction

internally in the BDR and this can be applied to improve the performance of the BDR at the location of installation.

12. A broadcast data receiver according to claim 11 characterised in that the internal changes performed can include changing the values of the inductors, capacitors and/or resistors to obtain one of a number of equalisation slopes to bring the difference between the high end signal and low end signal within a specific margin.

13 A broadcast data receiver according to claim 12 characterised in that the specific criteria is for a difference between the high end and low end signal values greater than 10 dB.

14. A method of installation of a receiver to receive digital data which is broadcast to the location of the receiver, said method comprising, measuring the power level of incoming frequency signals at two predetermined spaced points on the signal band, providing means for the comparison of the measurements and if the comparison shows a value within a predetermined parameter an indication is provided to the installer and if the comparison shows a value outwith the predetermined parameter a control system in the receiver adjusts the operation of one or a combination of components within the receiver until the value is within the predetermined parameter.

15 A method of installation according to claim 14 characterised in that the extent and level of adjustment is made with reference to at least one algorithm in the control system.

16 A method of installation according to claim 14 characterised in that the components which are adjusted are any, or any combination of capacitors, inductors, resistors provided as part of a circuit installed in the BDR.